

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (original) A method for flow correction of the calibrated relationship between pressure and flow rate comprising the steps of:

initially measuring the flow of a fluid through a dispensing device and  
forming a linear relationship between pressure and flow, said linear  
relationship having a maximum flow point and a slope;

providing a desired flow rate;

interpolating the desired pressure for said desired flow rate from said  
linear relationship;

dispensing through said dispensing device according to said desired  
pressure; and

measuring the flow through said dispensing device during subsequent  
dispense cycles and adjusting said slope to yield the desired  
dispense volume.

Claim 2 (original) A method of flow correction of claim 1 wherein said linear relationship is divided into at least two segments, the slope of each of said segments being adjusted individually.